"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

[illegible], Yu.P., [illegible], [illegible] [illegible], V.P., kand. tekhn. nauk

All-Union Scientific Technological Conference on the Problems of Controlling the Salinization and Improving the Meliorative State of the Irrigated Lands in Central Asia, Southern Kazakhstan, and Azerbaijan. Gidr. i mel. 16 no.5 58-61 My '64. (MIRA 17:6)

1. Tsentral'noye pravleniye Nauchno-tekhnicheskogo obshchestva sel'skogo khozyaystva (for Chtarev). 2. Gosagrokhoz SSSR (for Ivanovskiy).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANOVSKIY, L.B., kand. tekhn. nauk; KRAVTSOV, G.Ya., red.

[Irrigation and water supply of lands in the U.S.S.R.] Oroshenie i obvodnenie zemel' v SSSR. Moskva, Kolos, 1964. 317 p. (MIRA 18:3)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

PETROSYAN, Yu.S.; LEVANT, A.D.

Cardiac catheterization in tricuspid valve stenosis. Grud. khir. 2 no.2:36-42 Mr-Ap'60. (MIRA 16:7)

1. Iz Instituta grudnoy khirurgii AMN SSSR (dir.-prof. A.A. Busalov, nauchnyy rukovoditel' - akad. A.N.Bakulev). Adres avtorov: Moskva, Leninskiy prosp. d.8, Institut grudnoy khirurgii AMN SSSR.
(CARDIAC CATHETERIZATION) (HEART--VALVES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

PETROSYAN, Yu.S.; LEVANT, A.D.

Role of angiocardiography in the diagnosis of tricuspid stenosis. Vest.rent.i rad. 36 no.3:10-13 My-Je '61. (MIRA 14:7)

1. Iz rentgenovskogo otdeleniya (zav. - dotsent M.A.Ivanitskaya) i otdeleniya zabolevaniy serdtza i sosudov u vzroslykh (zav. - prof. S.A.Kolesnikov) Instituta grudnoy khirurgii AMN SSSR (dir. - prof. Adres avtora: Moskva, V-49, Leninskiy pr., 8, Institut grudnoy khirurgii (for Petrosyan).

(HEART--VALVES--DISEASES) (ANGIOCARDIOGRAPHY)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

KOLESNIKOV, S.A., prof.; LEVANT, A.D.

Surgical treatment of tricuspid stenosis. Kardiologia 1 no.3: 51-58 My-Je '61. (MIRA 15:3)

1. Iz Instituta grudnoy khirurgii AMN SSSR (dir. - prof. S.A. Kolesnikov; nauchnyy rukovoditel' - akademik A.N. Bakulev).
(HEART VALVES—SURGERY)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

SERGEYEV, V.M.; LEVANT, A.D.

New developments in chest surgery. Vest.AMN SSSR 16 no.3:71-77 '61. (MIRA 14:7)
(CHEST--SURGERY)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, A. D.

Surgical treatment of tricuspid stenosis (Review of the literature). Grud. khir. no.4:114-117 '61. (MIRA 14:12)

1. Iz Instituta grudnoy khirurgii (dir. - prof. S. A. Kolesnikov, nauchnyy rukovitel' - akad. A. N. Bakulev) AMN SSSR.

(HEART--VALVES--DISEASES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

KOLESNIKOV, S.A., professor; TSUKERMAN, G.I.; PETROSYAN, Yu.S.; LEVANT, A.D.

Surgical treatment of mitral, aortic and tricuspid stenosis. Vest.khir. no.5:3-10 '61. (MIRA 15:1)

1. Iz Instituta grudnoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchn. rukovod. - akademik A.N. Bakulev) AMN SSSR. Adres avtorov: Moskva, B-49, Leninskiy pr., d.8, Institut grudnoy khirurgii.
(AORTA--DISEASES) (MITRAL VALVE--DISEASES)
(HEART--VALVES--DISEASES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

KOLESNIKOV, S.A.; GENIN, N.M.; LEVANT, A.D.; PETROSYAN, Yu.S.

Surgical treatment of tricuspid stenosis. Grud. khir. 1 no.5:16-23 S-O '61. (MIRA 15:3)

1. Iz Instituta grudnoy khirurgii AMN SSSR (dir. - prof. A.A. Busalov nauchnyy rukovoditel' - akademik A.N. Bakulev). Adres avtorov: Moskva, Leninskiy prosp., d.8, Institut grudnoy khirurgii AMN SSSR.

(HEART—VALVES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, A.D.; PETROSYAN, Yu.S. (Moskva)

Jugular phlebography in patients with tricuspid stenosis. Klin. med. no.7:106-110 '61. (MIRA 14:8)

1. Iz Instituta grudnoy khirurgii AMN SSSR (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akad. A.N. Bakulev).
(HEART--VALVES--DISEASES) (ANGIOGRAPHY)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

GALUSHKO, Yu. A.; LEVANT, A. D.; ANANIKYAN, P. P.

Surgical treatment of tricuspid insufficiency; survey of the literature. Grud. khir. 4 no.1:121-126 Ja-F '62.
(MIRA 15:2)

1. Iz Instituta grudnoy khirurgii AMN SSSR (dir. - prof. S. A. Kolesnikov, nauchnyy rukovoditel' - akad. A. N. Bakulev)

(HEART—VALVES—DISEASES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

GENIN, N.M., kand.med.nauk; LAPKIN, K.V.; LEVANT, A.D.

Single-stage surgical removal of mitral, aortic and tricuspid stenoses using the left approach. Vest.khir. no.1:134-136 '62. (MIRA 15:1)

1. Iz Instituta grudnoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchn. rukovod. - prof. A.N. Bakulev) AMN SSSR. Adres avtorov: Moskva, Leninskiy pr., d.8, Institut grudnoy khirurgii AMN SSSR.
(HEART--VALVES--SURGERY) (AORTA--SURGERY)
(TRICUSPID VALVE)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

KOLESNIKOV, S.A.; TSUKERMAN, G.I.; LEVANT, A.D.; LAPKIN, K.V.

Methods of tricuspid commissurotomy. Grudn. khir. 4. no.5:6-11 S-O'62 (MIRA 17:3)

1. Iz otdeleniya priobretennykh porokov serdtsa (zav. - prof. S.A. Kolesnikov) Instituta serdechno-sosudistoy khirurgii (dir. prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N. Bakulev) AMN SSSR. Adres avtorov: Moskva, V-49, Leninskiy prospekt, d.8, Institut serdechno-sosudistoy khirurgii AMN SSSR.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

ZOLNIKOV, S. M.; LEVANT, A. D. (Moscow)

"L'insuffisance respiratoire aigue chez les malades operes sur le coeur et les gros vaisseau."

report submitted for 13th French Cong on Anesthesiology, Bordeaux, 31 May-3 Jun 63.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVIT, Aleksandr Davidovich; [illegible], L.L., red.

[Clinical aspects, diagnosis and surgical treatment of tricuspid stenosis] Klinika, diagnostika i khirurgicheskoe lechenie trikuspidal'nogo stenoza. Moskva, Meditsina, 1964. 154 p. (MIRA 17:7)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

TSUKERMAN, G.I.; LEVANT, A.D.; KYO, E.P. (Moskva)

Case of successful surgical treatment of acute intestinal obstruction in thromboembolism of the mesenteric vessels in a patient on the third day after mitral commissurotomy. Grud. khir. 5 no.5:89-90 S-O '63. (MIRA 17:8)

1. Adres avtorov: Moskva V-49, Leninskiy prospekt, d.8, Institut serdechno-sosudistoy khirurgii.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

TSUKERMAN, G.I.; PETROSYAN, Yu.S.; LEVANT, A.D.; DANIYELIYAN, L.A.; KOSTYUCHENOK, B.M.; TSYB, A.F.; KISIS, S.Ya.; GOLIKOV, [illegible]; POKROVSKIY, A.V.; BURAKOVSKIY, V.I.; KONSTANTINOV, B.A.; LYUDE, M.N.; GOLUNZKO, R.R.

Proceedings of the meetings of the Surgical Society of Moscow and Moscow region. Grud. khir. 6 no.6:114-117 N-D '64. (MIRA 18:7)

1. Institut serdechno-sosudistoy khirurgii AMN SSSR (for all except Kostyuchenok, TSyb). 2. Institut khirurgii imeni A.V. Vishnevskogo AMN SSSR (for Kostyuchenok, TSyb).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

MEYTINA, R.A.; LEVANT, A.D.; DANIELYAN, L.A.

Respiratory changes in tricuspid stenosis. Zhur. eksp. i klin. med. 5 no.2:39-47 '65. (MIRA 19:1)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, B. YE.

"Priority of Our Country's Urology," Sov. Zdrav., No. 3, 1948.

Docent, Urological Clinic, 2nd Moscow State Med. Inst. im. I. V. Stalin, -c1948-.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, D. Ye.

Priority of Russian surgeons and urologists in development of the theory of stenosis of the male urethra. Kirurgiia, Moskva no.7:59-62 July 1951. (CLML 21:1)

1. Docent. 2. Of the Urological Clinic (Director -- Prof. A. B. Topchan), Second Moscow Medical Institute imeni I. V. Stalin.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, D.Ye., dotsent (Moscow)

Results of the enlarged plenum of the administration of the All-Union Society of Urologists held on July 5-7, 1954. Urologiia no.1:85-91 Ja-Mr '55. (MLRA 8:10)
(UROLOGY--SOCIETIES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, D.Ye., dotsent (Moskva)

"Methods for examining patients with urological diseases." A.I. Mikhel'son. Reviewed by D.E.Levant. Urologiia 21 no.1:83-84 Ja-Mr '56. (MLRA 9:12)
(GENITOURINARY ORGANS--DISEASES)

(MIKHELSON, A.I.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, D.Ye., dotsent; GURVICH, I.A., kandidat meditsinskikh nauk

Errors in diagnosis of calculi in the ureters. Urologiia 21 no.4: 37-43 O-D '56. (MLRA 10:2)

1. Iz urologicheskogo otdeleniya Gorodskoy klinicheskoy bol'nitsy No.1 imeni N.I.Pirogova (glavnyy vrach- zasluzhennyy vrach RSFSR L.D.Chernyshev)

(KIDNEYS, calculi
differ. diag.)
(URETERS, calculi
differ. diag.)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, D.Ye., dotsent (Moskva)

"Outlines of urological semeiotics and diagnosis" by S.D. Goligorskii. Reviewed by D.E. Levant. Urologiia, 22 no.1:79-81 Ja-F '57 (MLRA 10:5)

(URINARY ORGANS--DISEASES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

TOPCHAN, A.B., professor; LEVANT, D.Ye., dotsent

Report on the work of the administration of the All-Union Society of Urologists in 1951-1956. Urologiia 22 no.3:73-76 My-Je '57. (MLRA 10:8)

1. Predsedatel' pravleniya Vsesoyuznogo obshchestva urologov (for Topchan). 2. Sekretar' pravleniya Vsesoyuznogo obshchestva urologov (for Levant).

(GENITOURINARY ORGANS--DISEASES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, D.Ye., dotsent

Late results of the surgical treatment of ectopy of the urinary bladder. Urologiia 22 no.6:67-68 N-D '57. (MIRA 11:2)

1. Iz urologicheskogo otdeleniya (nauchnyy rukovoditel' - prof. A.Ya.Pytel'; zav. - dotsent D.Ye.Levant) Gorodskoy klinicheskoy bol'nitsy No.1 imeni N.I.Pirogova (glavnyy vrach - zasluzhennyy vrach RSFSR L.D.Chernyshev)

(BLADDER, abnorm.
ectopy, surg., remote results)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, D.Ye., dots. (Moskva)

"Cystitis" by S.D. Goligorskii. Reviewed by D.E. Levant. (MIRA 11:8)
Urologiia 23 no.4:82-84 Jl-Ag '58
(BLADDER--DISEASES)
(GOLIGORSKIY, S.D.)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, D.Ye., dots (Moskva)

Third All-Union Conference of Urologists. Urologiia 23 no.5:75-79 S-O '58 (MIRA 11:11)

(UROLOGY--CONGRESSES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

TOPCHAN, A.B., prof.red.(Moskva),[deceased]; PORUDOMINSKIY, I.M., prof.,red.(moskva); PYTKL', A.Ya., prof., red.(moskva); EPSHTEYN, I.M., prof., red. (Moskva); LEVANT, D.Ye., dotsent, red. (Moskva); FRUMKIN, A.P., prof. zasluzhennyy deyatel' nauki, zam. red. (Moskva); GABERLAND, M.I., tekhn. red.

[Transactions of the Third All-Union Conference of Urologists] Trudy Vsesoyuznoy konferentsii urologov, 3d, Tiflis, 1958. Moskva, Gos.izd-vo med. lit-ry Medgiz, 1960. 259 p. (MIRA 14:5)

1. Vsesoyuznaya konferentsiya urologov, 3d, Tiflis, 1958.
2. Predsedatel' pravleniya Vsesoyuznogo obshchestva urologov (for Topchan).

(UROLOGY--CONGRESSES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

YEVSEYENKO, Lyudmila Sergeyevna; LEVANT, D.Ye., red.; BUL'DYAYEV, N.A., tekhn. red.

[Changes in the urinary system in cancer of the cervix uteri] Izmeneniia v mochevoi sisteme pri rake sheiki matki. Moskva, Medgiz, 1961. 162 p. (MIRA 15:7)
(UTERUS—CANCER) (URINARY ORGANS—DISEASES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

KASATKIN, Mikhail Romanovich, kand. med.nauk; LEVANT, D.Ye., red.; BALDINA, N.F., tekhn. red.

[Urological aid in lesions of the spinal cord] Urologicheskaia pomoshch' pri travme spinnogo mozga. Moskva, Medgiz, 1963. 101 p. (MIRA 16:12)
(SPINAL CORD--WOUNDS AND INJURIES) (UROLOGY)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

TRAPEZNIKOVA, Margarita Fedorovna; LEVANT, D.Ye., red.; CHULKOV, I.F., tekhn. red.

[Tumors of the testicle] Opukholi iaichka. Moskva, Medgiz, 1963. 131 p. (MIRA 16:7)
(TESTICLE--CANCER)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

SABEL'NIKOV, Ivan Ivanovich; LEVANT, D.Ye., red.; BUKOVSKAYA, N.A., tekhn. red.

[Hypertrophy of the prostate galnd] Gipertrofiia predstatel'noi zhelezy. Moskva, Medgiz, 1963. 215 p. (MIRA 16:12)

(PROSTATE GLAND—DISEASES)
(HYPERTROPHY)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

FRUMKIN, A. P., zasl. deyatel' nauki prof, red. [deceased]; PYTEL', A. Ya., prof., zam. red.; VOROBTSOV, V. I., kand med. nauk, red.; GOL'DIN, G. I., doktor med. nauk, red.; LEVANT, D. Ye., dots., red.; PORUDOMINSKIY, I. M., prof., red.; EPSHTEYN, I. M. prof., red.; LEVANT, D. Ye., red.; BEL'CHIKOVA, Yu. S., tekhn. red.

[Transactions of the Fourth All-Union Conference of Urologists, Moscow, June 24-30, 1961] Trudy Vsesoiuznoi konferentsii urologov. 4th, Moscow, 1961. Moskva, Medgiz, 1963. 238 p. (MIRA 17:3)

1. Vsesoyuznaya konferentsiya urologov. 4th, Moscow, 1961.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, G.; PRISYAZHNYUK, A.

The Spartakiada strides. Voen. znan. 40 no.10:32-3[illegible]
O '64. (MIRA 17:12)

1. Nachal'nik otdela morskoy podgotovki Respublikanskogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu UkrSSR (for Levant). 2. Nachal'nik spasatel'noy sluzhby Respublikanskogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu UkrSSR (for Prisyazhnyuk).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT,G., kapitan 2 ranga.

Multiple skiff races. Voen.znanJl no.7:27 Jl'55. (MLRA 8:12)
(Boats and boating)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, G.

Born through the creativity of an activist group. Voen. znan. 39 no.4:29-30 Ap '63. (MIRA 16:6)

1. Nachal'nik otdela morskoy podgotovki respublikanskogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu UkrSSR.

(Ukraine--Ship models)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

MASHEVICH, Z.A.; LEVANT, G.V., kand. tekhn. nauk, retsenzent; KHOLIN, V.A., inzh., retsenzent; IZAKOV, N.N., kand. tekhn. nauk, red.

[Methodology for teaching the course "Metal cutting" in mechanical engineering schools] Metodika prepodavaniia kursa "Rezanie metallov" v mashinostroitel'nykh tekhnikumakh. Moskva, Mashinostroenie, 1964. 107 p. (MIRA 17:8)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

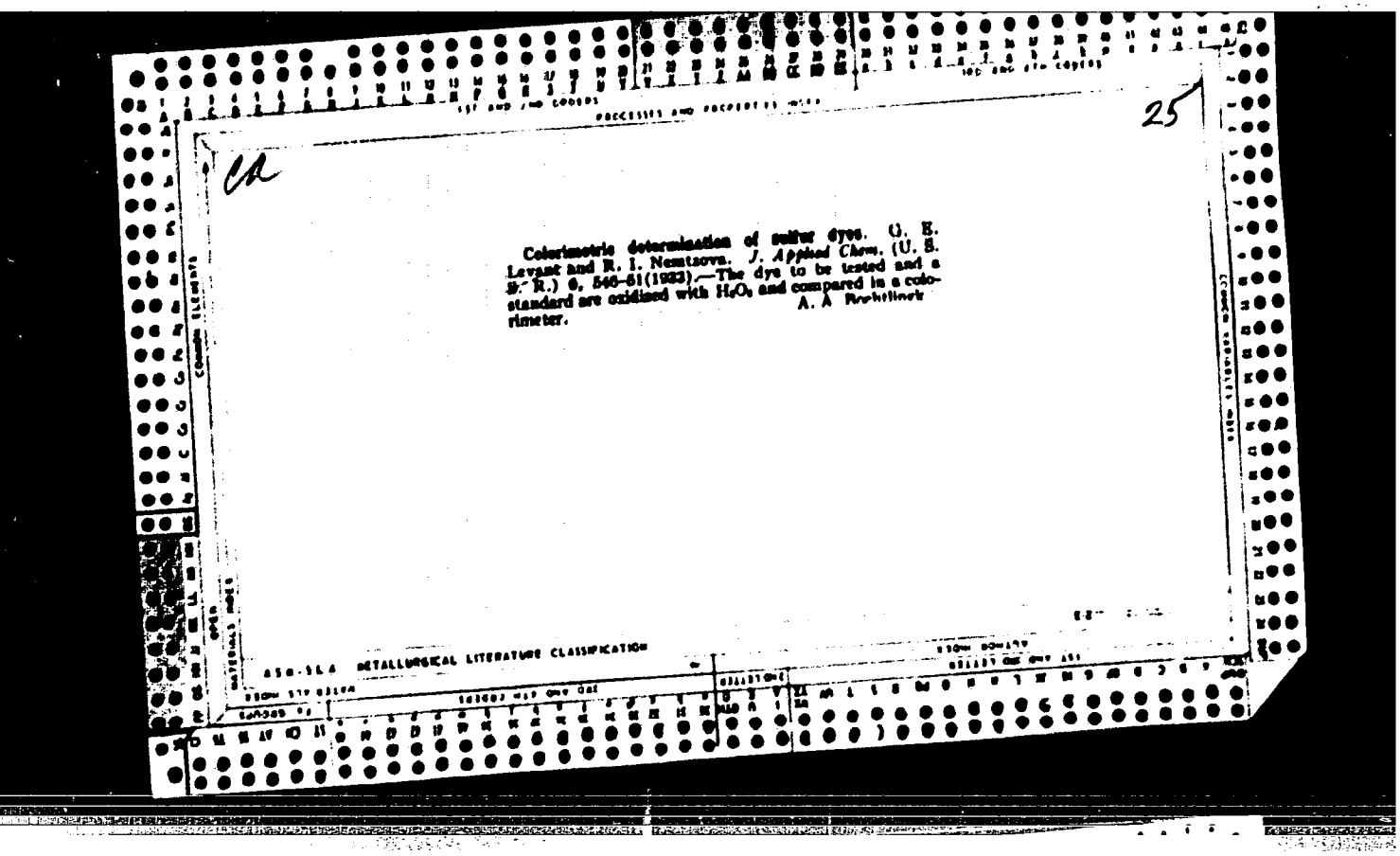
"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, G.V., kand. tekhn. nauk; KASABOV, Sh.M., inzh., red.

[Laboratory work in training shops for the working of metals by cutting; manual for students of the physics department] Praktikum v uchebnykh masterskikh po obrabotke metallov rezaniem; uchebnoe posobie dlia studentov fizicheskogo fakul'teta. Moskva, Mosk. gos. pedagog. in-t, 1964. 85 p. (MIRA 17:12)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6



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CA

Colorimetric determination of sulfur dyes. O. E. Levgat and R. I. Nemtsova. *J. Applied Chem.* (U. S. S. R.) 6, 546–51(1923).—The dye to be tested and a standard are oxidized with H_2O_2 and compared in a colorimeter. A. A Boehtlingk

A50-514 METALLURGICAL LITERATURE CLASSIFICATION

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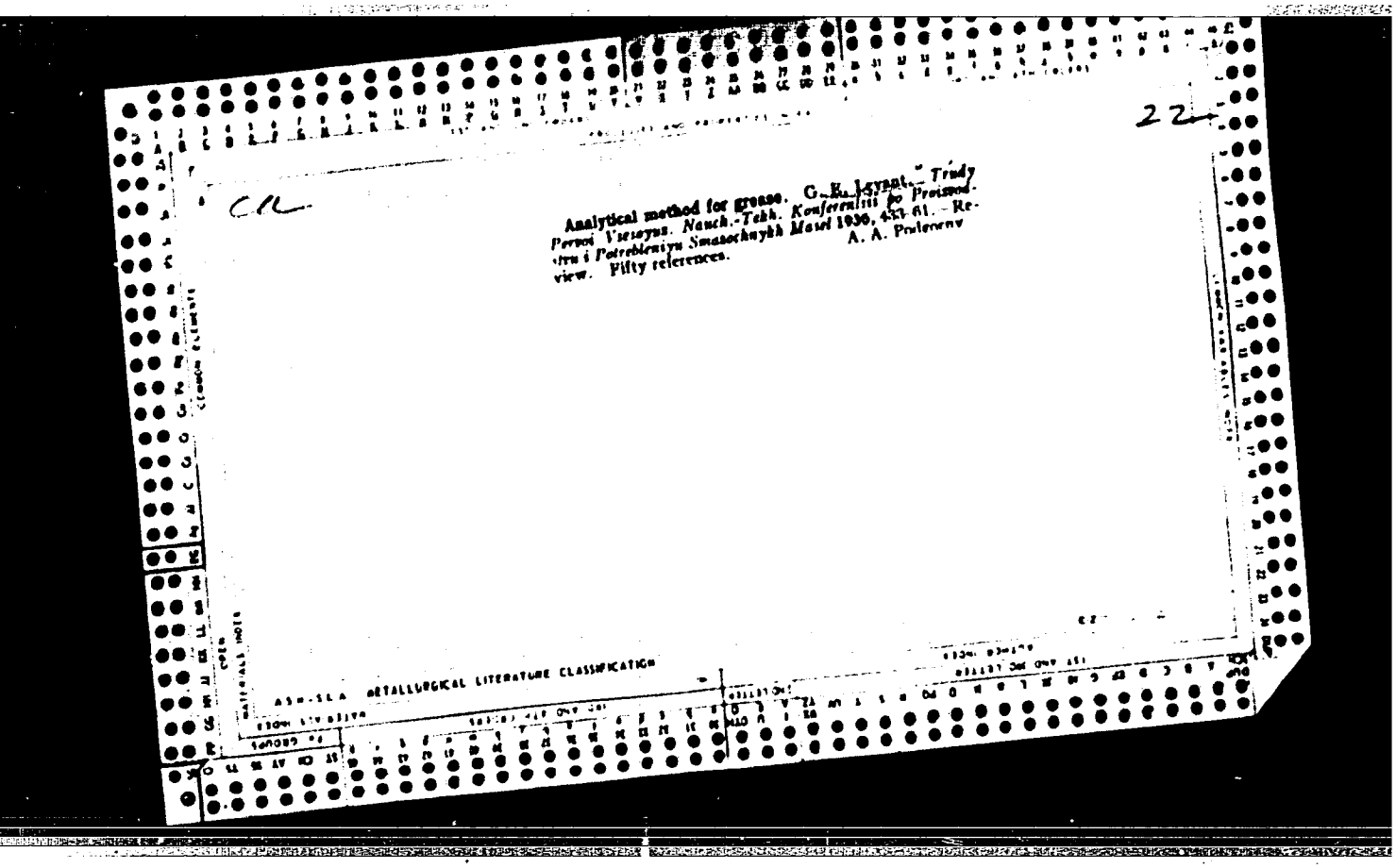

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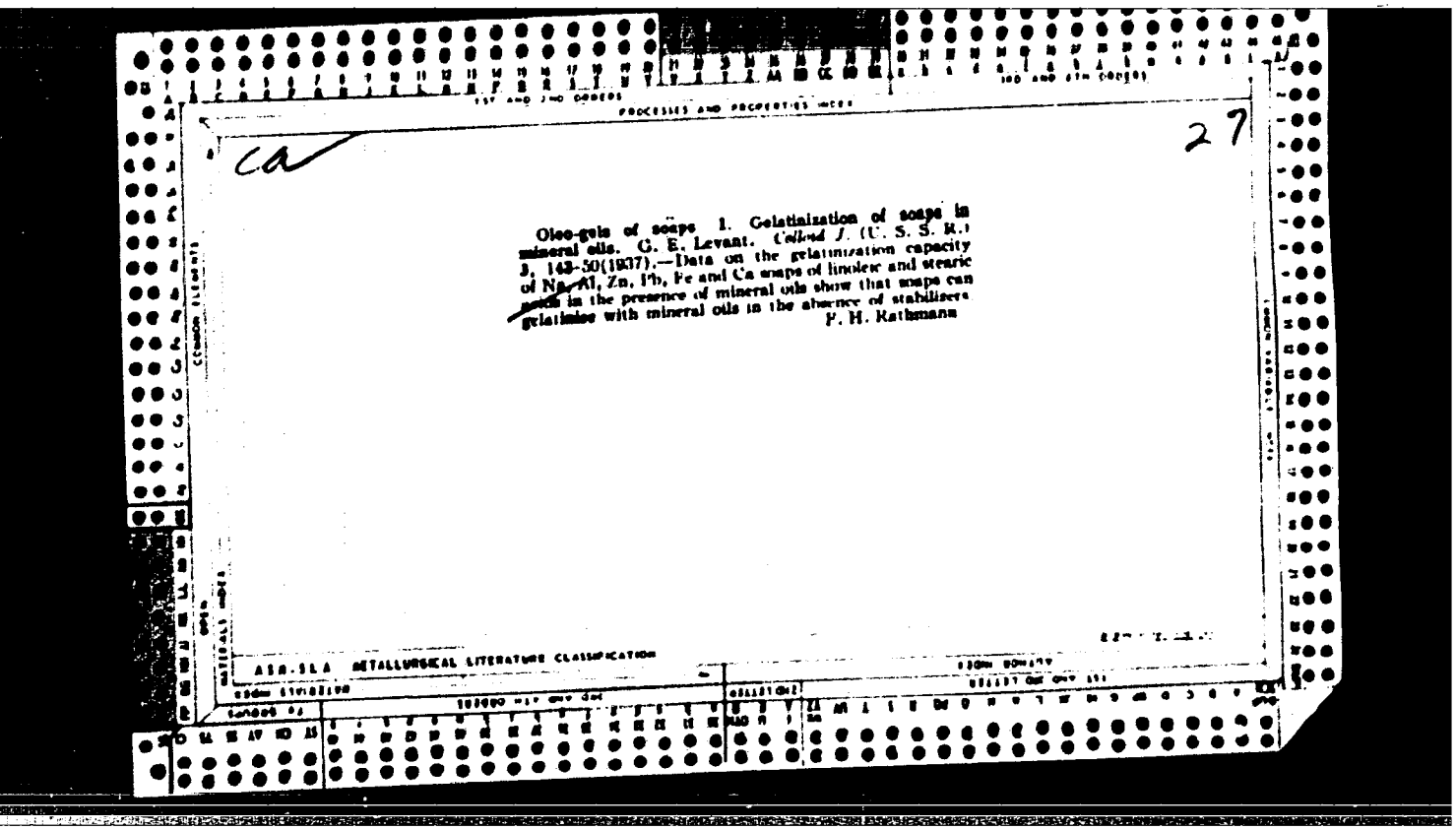

27

Oleo-gels of soaps. I. Gelatinization of soaps in mineral oils. G. E. Levant. *Colloid J.* (U. S. S. R.) 3, 143-50(1937).—Data on the gelatinization capacity of Na, Al, Zn, Pb, Fe and Ca soaps of linoleic and stearic acids in the presence of mineral oils show that soaps can gelatinize with mineral oils in the absence of stabilizers.
P. H. Rathmann

A58-SLA METALLURGICAL LITERATURE CLASSIFICATION

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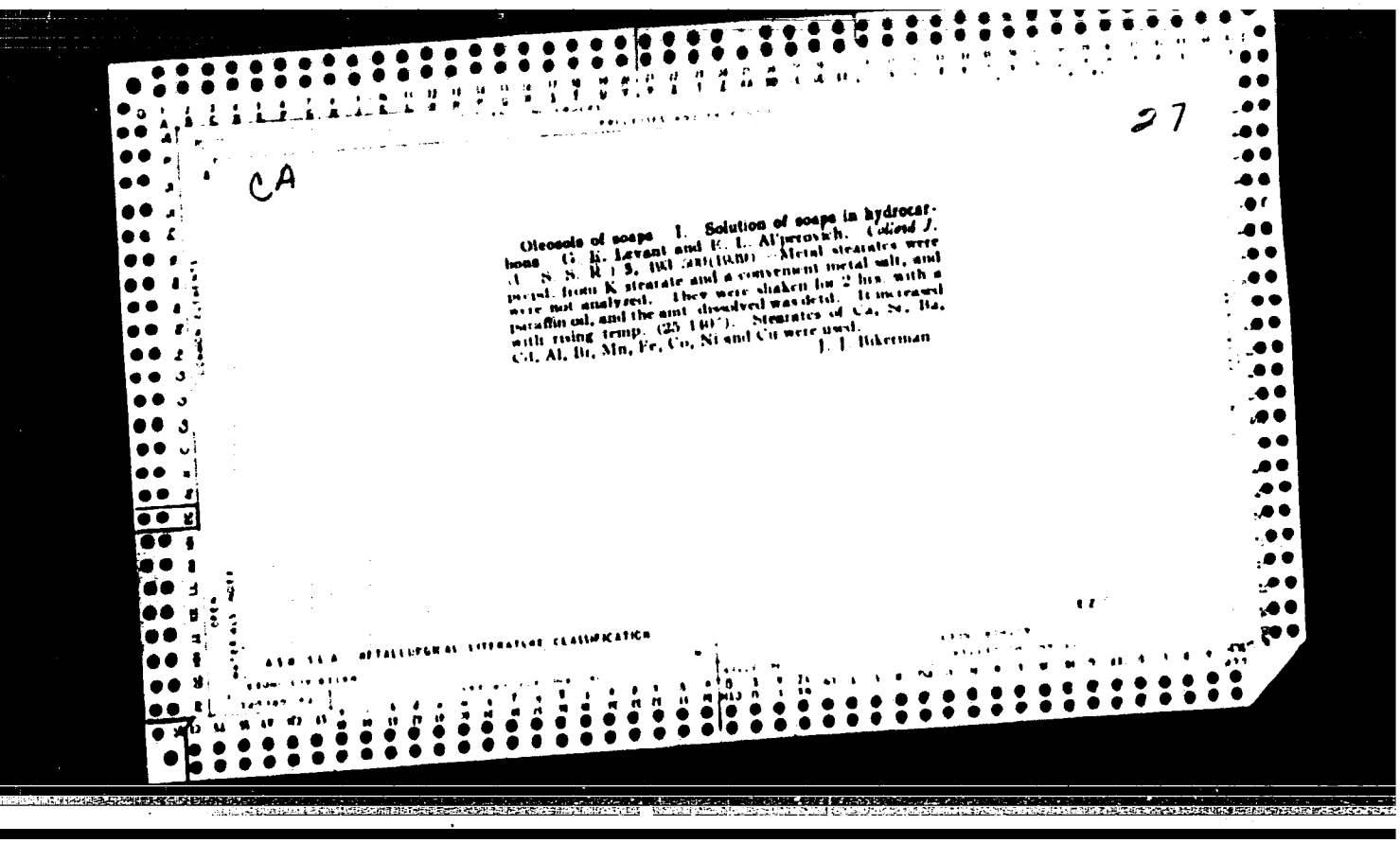

27

CA

Oleosols of soaps. I. Solution of soaps in hydrocarbons. G. B. Levent and P. L. Al'perovich. *Colloid J. (U. S. S. R.)* 5, 183–7(1939).—Metal stearates were prepd. from K stearate and a convenient metal salt, and were not analyzed. They were shaken for 2 hrs. with a paraffin oil, and the amt. dissolved was detd. It increased with rising temp. (25–140°). Stearates of Ca, Sr, Ba, Cd, Al, Bi, Mn, Fe, Co, Ni and Cu were used.

J. J. Bikerman

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, G.Ye. (Moscow).

On several basic concepts in chemistry. Khim.v shkole no.5:70-74 S-O '53. (MLRA 6:9)
(Chemistry--Study and teaching)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

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5 (4)

AUTHORS: Balezin, S. A., Beskov, S. D., SOV/76-32-12-32/32
Levant, G. Ye., Putilova, I. N., Figurovskiy, N. A.

TITLE: L. I. Kashtanov (Obituary) - (L. I. Kashtanov (Nekrolog))

PERIODICAL: Zhurnal fizicheskoy khimii, 1958, Vol 32, Nr 12, pp 2848 - 2849 (USSR)

ABSTRACT: The deceased, who died on August 18, 1958, was born in Moscow on November 25, 1902. Between 1920 and 1924 he studied at the Moscow State University. While a student, he worked at the Byuro redkikh elementov (Bureau of Rare Elements) where he devoted his studies to titanium, tantalum, molybdenum, tungsten, and uranium. Between 1924 and 1928 he worked in industry (Elektrougli plant (electrode carbon plant) and Moskovskiy kabel'nyy zavod (Moscow Cable Plant)). From 1928 till 1938 he taught at the Moskovskiy torfyanoy institut (Moscow Peat Institute), at first as an assistant, later as a professor. At the same time he was a collaborator of the Laboratoriya khimii uglya (Laboratory for Carbon Chemistry) (1928 - 1932) and of the Institut azota (Nitrogen Institute) (1932 - 1936). During that time he worked in the fields of peat chemistry, chemistry of

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L. I. Kashtanov (Obituary) SOV/76-32-12-32/32

the coals of the Moscow basin, natural gas, structure and hydrogenation of Boghead coal, nitrogenous bases in the generator tar of peat, drying of peat, carboxylic acids in peat. He was one of the first scientists to take up the study of methane cracking. From 1936 onwards he investigated the combustion process of the coal of the Moscow region, which is rich in sulfur, and the utilization of sulfur dioxide. In 1942 he wrote his doctor's treatise on the elimination of sulfur dioxide from the flue gases of Moscow coals rich in sulfur and the production of commercial sulfuric acid. (Ochistka topochnykh gazov mnogosernistykh podmoskovnykh ugley ot sernistogo angidrida s polucheniyem tovarnoy sernoy kisloty). From 1938 onwards Kashtanov was professor of chemistry at the Moskovskiy institut khimicheskogo mashinostroyeniya (Moscow Institute for Chemical Machine Building) and specialized in the field of metal corrosion in fused salt baths. From 1942 to 1944 he organised for the VKVSh (All-Union Committee for University Training) the universities of the Mongolian People's Republic and obtained a professorship for chemistry at the Mongol'skiy universitet (Mongolian University). Between 1944 and 1956 he was professor

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L. I. Kashtanov (Obituary) 507/76-32-12-32/32

of chemistry at the Moskovskiy inzhenerno-ekonomicheskiy institut imeni S. Ordzhonikidze (Moscow Institute for Engineering Economy imeni S. Ordzhonikidze) and from 1956 onwards professor of chemistry at the Vsesoyuznyy zaochnyy mashinostroitel'nyy institut (All-Union Correspondence Institute of Machine Building). He studied oxidation-reduction processes especially the protective effect of some inhibitors. He also dealt with the chemical restauration of ancient Egyptian limestone and with the analysis of ancient Slavic, ancient Siberian and Scythian bronzes. He was the author of about 90 scientific publications. As far as his organizational activities are concerned, he worked as deputy director of the Peat Institute and of the Institute of Chemical Machinery Building, deputy rector of the Mongolian University and head of the university department of the VKVSh. He was awarded the orden trudovogo krasnogo znameni (Order of the Red Workers' Banner) and medals of the Soviet Union. At the time of his death he was carrying out new investigations on oxidation.

Card 3/4

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, Grigoriy Yefimovich; RAYTSYN, Genrikh Aleksandrovich; NIKOLAYEV, L.A., prof., retsenzent; PUTILOVA, I.N., red.; PAVLOVA, N.N., red.; GRIGORCHUK, L.A., tekhn. red.

[Laboratory work in general chemistry] Praktikum po obshchei khimii. Pod red. I.N.Putilovoi. Moskva, Gos.izd-vo "Vysshaia shkola," 1961. 277 p. (MIRA 15:1)
(Chemistry—Laboratory manuals)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, G.Ye.;

[Corrosion and the protection of metals; a manual for students of machinery manufacture] Korroziia i zashchita metallov; uchebnoe posobie dlia studentov mashinostroitel'nykh spetsial'nostei. Moskva, No.1. 1962. 77 p. (MIRA 17:2)

1. Moscow. Vsesoyuznyy zaochnyy mashinostroitel'nyy institut. Kafedra obshchey khimii.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, Grigoriy Yefimovich; RAYTSYN, Genrikh Aleksandrovich; ALAVERDOV, Ya.G., red.

[Laboratory work in general chemistry] Praktikum po obshchei khimii. Izd.2., isp. i dop. Pod red. I.N. Putilovoi. Moskva, Vysshaia shkola, 1963. 270 p. (MIRA 17:6)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

PUTILOVA, Iya Nikolayevna; LEVANT, Grigoriy Yefimovich; RAYTSYN, Genrikh Aleksandrovich; MENKOVSKIY, Mikhail Abramovich; KROTOV, Ivan Vasil'yevich; LOSEV, Boris Ivanovich; STUKOVNIN, N.D., red.

[Course in general chemistry] Kurs obshchei khimii. [By] I.N.Putilova i dr. Moskva, Vysshaia shkola, 1964. 444 p. (MIRA 18:1)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVA T, [illegible]. V., Engineer [illegible]. Tech. Sci.

Dissertation: "Finished quality of the surface achieved by turning in respect to the cutting conditions, geometry and wear of the tool."
21 Jun 47

Moscow Automotive Mechanics Inst.

SO Vecheryaya Moskva
Sum 71

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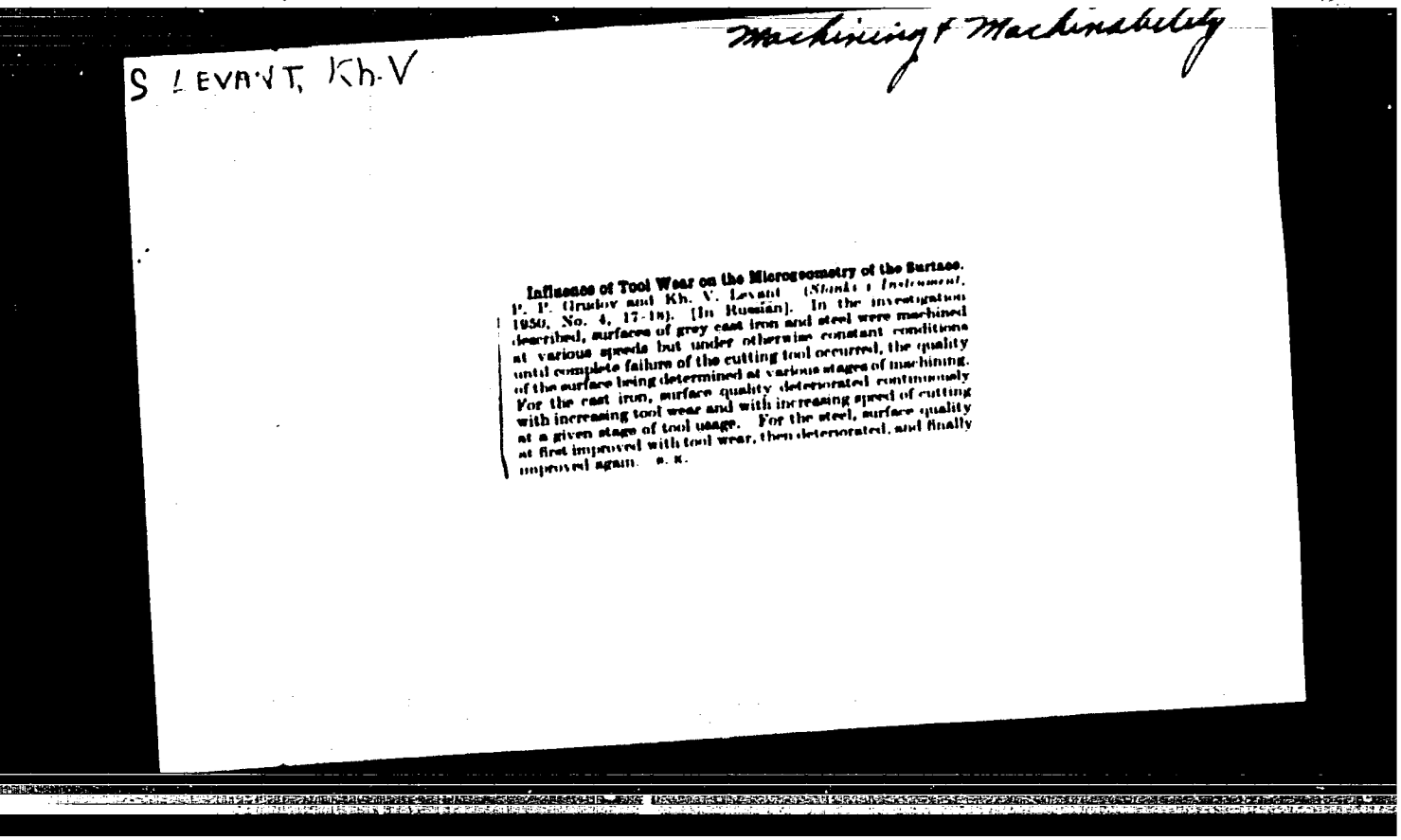

S LEVANT, Kh.V

Machining & Machinability

Influence of Tool Wear on the Microgeometry of the Surface. P. P. Grudov and Kh. V. Levant (*Stanki i Instrument*, 1950, No. 4, 17-18). [In Russian]. In the investigations described, surfaces of grey cast iron and steel were machined at various speeds but under otherwise constant conditions until complete failure of the cutting tool occurred, the quality of the surface being determined at various stages of machining. For the cast iron, surface quality deteriorated continuously with increasing tool wear and with increasing speed of cutting at a given stage of tool usage. For the steel, surface quality at first improved with tool wear, then deteriorated, and finally improved again. e. k.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, L.

A club in every district. Za rul. 18 no.1:2-3 Ja '60.
(MIRA 13:5)

1. Predsedatel' sektsii morskoy podgotovki i sporta pri gorkome Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu, Leningrad.
(Leningrad--Motorboat racing)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, S.

Work has become easier. Okhr.truda i sots.strakh. no.9:58 S '59. (MIRA 13:1)

1. Sekretar' partorganizatsii Minskogo tolevogo zavoda.
(Minsk--Roofing--Hygienic aspects)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANT, S.A.

On the development of laundering establishments in the city of Moscow.
Gor.khoz.Mosk. 25 no.9:24-27 S '51. (MLRA 6:11)
(Moscow--Laundries, Public) (Laundries, Public--Moscow)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

BUKHARIN, G.Y., inzh. po teknike bezopasnosti; KHARCHENKO, P., inzh. po teknike bezopasnosti; TEREKHOV, V., gornyy tekhnik; KOVALENKO, N., inzh. po teknike bezopasnosti; LEVANT, Ye.Ye.; MANAKOV, V.M., inzh.-elektrotekhnik

Reader's letters. Bezop.truda v prom. 4 no.9:34 S '60. (MIRA 13:9)

1. Trest Krasnodarnefterazvedka (for Bukharin). 2. Shakhta No.47 tresta Kadiyevugol' (for Terekhov). 3. Trest Tatneftegazrazvedka (for Kovalenko). 4. Glavnyy mekhanik upravleniya Severo-Zapadnogo okruga Gosgortekhnadzora RSFSR (for Levant). 5. Shakhta No.33-bis, g. Snezhnoye, Stalinskoy obl. (for Manakov).

(Industrial safety)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTIN, B.P., inzh.

"Operation and repair of ventilation units in machinery plants" by I.S.Khazanov, V.V.Kucheruk, P.P.Belianskii. Reviewed by B.P.Levantin. Vest.mashinostr. 43 no.3:87 Mr '63. (MIRA 16:3)
(Factories—Heating and ventilation) (Khazanov, I.S.) (Kucheruk, V.V.) (Belianskii, P.P.)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTIN, D. L.

Cattle Breeding

Raising meat animal production by means of controlled crossbreeding. Sov. zootekh. 8, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTIN, D.L.

1-2

USSR/Farm Animals - Cattle.

Abs Jour : [illegible] 1[illegible], 1963

Author : Levantin, D.L.

Inst : Institute of Animal [illegible], AS USSR

Title : Changes in the Skeleton in Connection with Age.

Orig Pub : Tr. In-ta morfol zhivotnykh. AN SSSR, 1957, vyp. 22, 68-107.

Abstract : It was established that under normal feeding conditions the skeleton of a newborn calf accounts for 24.4% of the total weight, of one and a half years old castrated bull calf - 11.3%, and of an adult bull - 10.4%. Upon crossing of Hereford with [illegible] the analogous relative weight of skeleton to total weight had the following values for the hybrid group: at birth, 22%; at the age of 8 months, 11.9%; 12 months, 12.6%; and 20 months,

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTIN, David Livovich

[Ways of increasing beef production] Puti uvelicheniia proizvodstva goviadiny. Moskva, Gos. izd-vo selkhoz lit-ry, 1958. 70 p. (MIRA 12:1)
(Beef cattle)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LOBANOV, P.P., BRAZHNEV, D.D., ROSTOVTSEV, N.F., POPOV, I.S., NIKOLAYEV, A.I., SMETNEV, S.I., BURLAKOV, N.M., ARZUMANYAN, Ye.A., BARYSHNIKOV, P.A., BELYAYEV, N.M., BLOMKVIST, M.S., BORISENKO, Ye.Ya., BURDELNY, T.P., BYCHKOV, N.P., VSYAKIKH, A.S., DAVIDOV, R.B., KUDRYAVTSEV, P.N., KUSHNER, Kh.F., LEVANTIN, D.L., NOVIKOV, Ye.A., OZEROV, A.V., STARTSEV, D.I., SUKHANOV, N.P., SHVABE, A.K., YURMALIAT, A.P., [Jurmalietis, A.P.].

In memory of Academician Efim Fedotovich Liskun. Zhivotnovodstvo 20 no. 7:84-85 Jl '58.
(Liskun, Efim Fedotovich, 1873-1958)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTIN, D., kand.sel'skokhozyaystvennykh nauk; FLEGONTOV, A., zootekhnik

Only well-fed cattle. Nauka i pered.op.v sel'khoz. 9 no.9: 19-20 S '59. (MIRA 13:2)

1. Sovkhoz "Kommunarka" Moskovskoy oblasti (for Flegontov).
(Cattle--Feeding and feeding stuffs)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTIN, D.L., kand.sel'skokhozyaystvennykh nauk

Increasing the production of meat by crossbreeding. Zhivotnovodstvo 21 no.6:47-51 Je '59. (MIRA 12:8)
(Beef cattle breeding)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTIN, D.L., kand.sel'skokhoz.nauk

Interesting and useful book ("The Santa Gertrudis new beef cattle breed" by V.V.Matskevich. Reviewed by D.L.Levantin). Zhivotnovodstvo 21 no.10:94-95 O '59. (MIRA 13:2)
(Santa Gertrudis cattle) (Matskevich, V.V.)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTIN, D.L., kand.sel'skokhozyaystvennykh nauk

Early maturing as a factor in intensive raising of young cattle. (MIRA 16:5)
Zhivotnovodstvo 22 no.7:46-54 '60.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skogo khozyaystva.

(Beef cattle)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTIN, M.L.

Preparation for fall and winter construction work of compressor stations. Stroi. truboprov. 8 no.9:4 S '63. (MIRA 16:11)

1. Trest No. 1, Lyubertsy Moskovskoy obl.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTIN, M.

PLESSNYN, B.; SHERENTSIS, A. pri uchastii: BAYAR, O.; BUKHAROV, A.; KOREN'KOV, V.; LEVANTIN, M.; MAKOTINSKIY, M.; ROZANOV, N.; KHAZANOV, D. FRIDBERG, G.V., red.izd-va; TOKER, A.M., tekhn.red.

[Problems of unification and a unified catalog of construction elements for apartment houses and public buildings; a report] Voprosy unifikatsii i edinyi katalog stroitel'nykh izdelii dlia zhilishchnogo i kul'turno-bytovogo stroitel'stva; soobshchenie... [Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1955] 24 p. [Bound with Voronkov,A. Industrializatsiia otdelochnykh rabot. Moskva, 1955] (MIRA 11:6)

(Building) (Standards, Engineering)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

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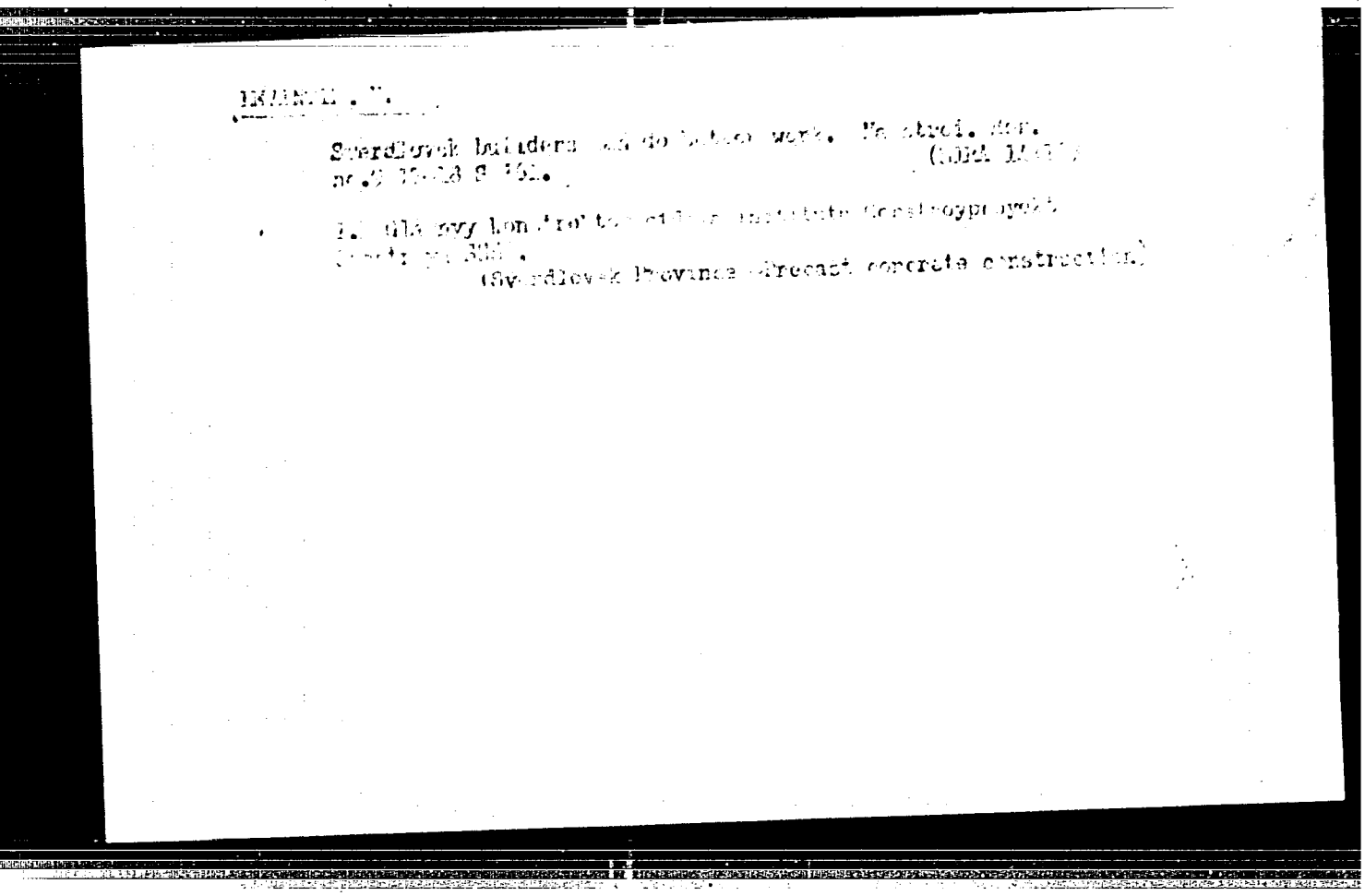

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

OZHIGANOV, V.S.; LEVANTO, M.A.; KOROLEVA, V.A.; Prinimali uchastiye: KOZLOVSKIY, N.I.; ABOIMOV, P.S.; STARTSEVA, G.B.; KRIVONOSOVA, R.B.; SHERSTYUK, M.I.; KONOVALOVA, T.S.; ZHABOTINSKIY, I.M.; RADIN, P.A.

Improving the technology of producing electrical steel. Stal' 22 no.4:343-346 Ap '62. (MIRA 15:5)

1. Verkh-Isetskiy metallurgicheskiy zavod.
(Steel—Electric properties)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

KHOLODOV, A.I.; DOKSHITSKAYA, A.I.; STARTSEVA, G.B.; LEVANTO, M.A.

Some indices of technological conditions for the manufacture of transformer steel in electric arc furnaces. Trudy Ural. politekh. inst. no.116:102-109 '61. (MIRA 16:6)
(Steel—Electrometallurgy)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

DOKSHITSKAYA, A.I.; OZHIGANOV, V.S.; STARTSEVA, G.B.; LEVANTO, M.A.

Using type AlCaSi complex alloys in the manufacture of transformer steel in electric furnaces. Trudy Ural. politekh. inst. no.116: 89-101 '61. (MIRA 16:6)

(Steel—Electrometallurgy)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTOVICH, I A

1243. CONTINUOUS REFINING OF CRUDE BENZENE FRACTIONS. [illegible]
and [illegible]. (Koke i Khim., Moscow) 1[illegible]
1(6):5; abstr. in Chem. Abstr., 1[illegible]
of crude benzene into the pure product, [illegible]
than benzene processing, proposed [illegible]
rectification to obtain the crude fra[illegible]
sulphuric acid; (c) rectification. [illegible]
out continuously but the intermediate [illegible]
xylene fraction has hitherto been [illegible]
sluice. In the scheme proposed, [illegible]
relatively low in cost, the [illegible]
as shown in the flow sheet [illegible]
hydraulic mixers for acid [illegible]
and neutralization of [illegible]
refining takes place; [illegible]
need for intermittent [illegible]
bromine number after [illegible] and 1.5 and [illegible] respectively, [illegible]
0.45 and 0.09. Results of operation tests demonstrate its [illegible] recommended.
intermittent systems, and [illegible] by other coke chemical plants is [illegible]

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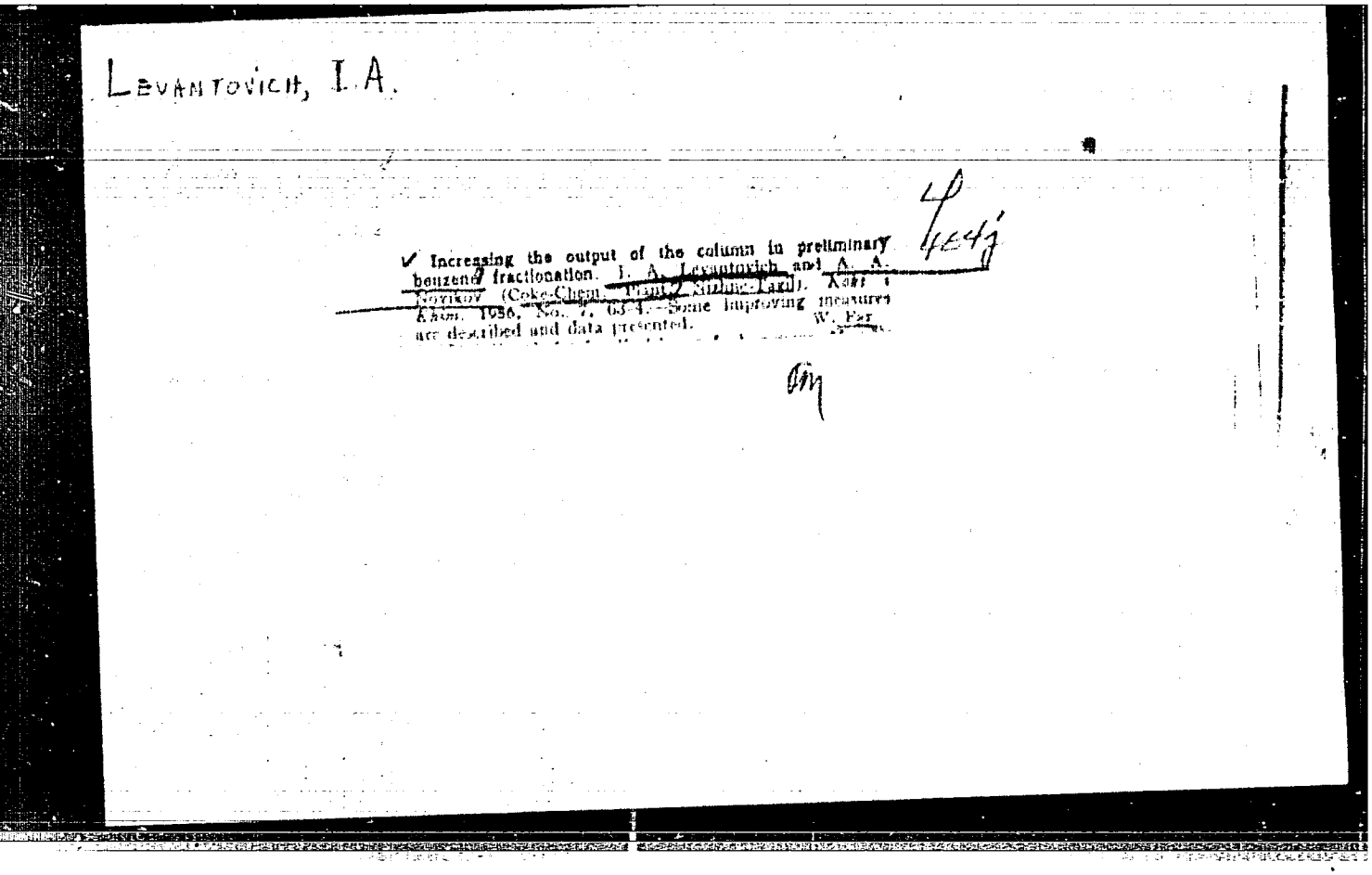

LEVANTOVICH, I.A.

4643

✓ Increasing the output of the column in preliminary benzene fractionation. I. A. Levantovich and A. A. Goyikov (Coke-Chem. Trans. & Abstr.) Kiev, Khim. 1956, No. 7, 63-4.—Some improving measures are described and data presented. W. Fay

Gm

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S/068/62/000/003/001/003
E071/E435

5.3300

AUTHORS: Privalov, V.Ye., Cherkasov, N.Kh., Levantovich, I.I., Yaroslavskaya, T.A.

TITLE: The production of sulphur free benzole from pure benzole by chemical purification methods

PERIODICAL: Koks i khimiya, no.3, 1962, 42-44

TEXT: An investigation of the possibility of production of sulphur free benzole suitable for the manufacture of cyclohexane from pure benzole by chemical purification methods is described On the assumption that the removal of thiophene from pure benzole under industrial conditions is sufficiently developed, the authors concentrated on the removal of other sulphurous compounds. The determination of small quantities of carbon disulphide was based on the reaction of carbon disulphide with secondary amines in the presence of copper salts with the formation of copper dithiocarbamite - a brown compound, well soluble in benzene. In the first instance the removal of carbon disulphide was attempted by washing of pure benzene with industrially available amines with additions of a number of other reagents: formaline

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The production of sulphur free ...

with ammonium sulphate and ammonia, monomethylolurea in acid and alkali medium, dimethylolurea in acid and alkali medium formaline with calcium chloride, formaline with calcex formaline with lime, formaline with analine, formaline in alkali and acid medium. On the whole the experiments were unsuccessful, in some cases a complete removal of thiophene and a decrease in carbon disulphide was obtained. The latter was ascribed to the presence of methyl alcohol in formaline. This was confirmed by washing pure benzole with alcoholic solutions of alkali which produced benzene either free or containing not more than 0.0001% of carbon disulphide. The optimal consumption of methanol solution of alkali was 6 to 8% (Abstractor's note: Concentration of alkali not given.) Thiophene is not removed under these conditions. Its removal was achieved by washing with 15% of oleum with an addition of 1% of formaline. On the basis of the above results the following procedure was tested on an industrial scale. Starting material: benzene sp.gr. 0.877, drop point 79.8°C, 95% evaporated at 83°C, colour 0.35, bromine number 0.06, total sulphur 0.02%, carbon disulphide 0.0069%, crystallization

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The production of sulphur free . . .

temperature +4.7°C. Washing: preliminary wash with 1% of oleum for 10 min, wash with 16% of oleum for 9 hours two water washes (total consumption of water 7%, time 5 min each) preliminary wash with methanol solution of alkali (0.3% 10 min) wash with methanol alkali (3.3%, 6 hours) two water washes (total consumption 6%, 5 min each). Washed benzole was rectified on a column with 34 plates. The product obtained was free from thiophene and carbon disulphide, sp.gr. 0.87 drop point 79.8°C 95% at 80.4°C, crystallization temperature +5.5°C The yield of sulphur free benzene was about 90%

ASSOCIATIONS: VUKhIN (V.Ye.Privalov)
NTMK (the remaining authors)

Card 3/3

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTOVICH, Yu.I.

Regulations of the idle time of local cars in the classification yards are obsolete. Zhel. dor. transp. 41 no.10:72-73 O '59. (MIRA 13:2)

1.Glavnyy inzhener stantsii Chelyabinsk.
(Chelyabinsk--Railroads--Freight)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTOVICH, Yu.I.

Operative planning of the classification work in a station. Zhel. dor.transp. 46 no.6:70-72 Je '64. (MIRA 18:1)

1. Glavnyy inzh. stantsii Chelyabinsk.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTOVSKAYA, I.I.

TSIKLIS, Daniil Semenovich; LEVANTOVSKAYA, I.I., red.; LUR'YE, M.S., tekhn.red.

[Technology of physicochemical high pressure research] Tekhnika fiziko-khimicheskikh issledovanii pri vysokikh davleniiakh. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn.izd-vo khim. lit-ry, 1958. 301 p. (MIRA 11:4)
(Compressibility)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

GOLUBENKOVA, L.I.; KOVARSKAYA, B.M.; LEVANTOVSKAYA, I.I.; AKUTIN, M.S.

Mechanism of the hardening of epoxy resins with amines. Vysokom. soed. 1 no.1:103-109 Ja '59. (MIRA 12:9)

1. Nauchno-issledovatel'skiy i proyektnyy institut plastichesakikh mass.

(Resins, Synthetic) (Amines)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

KOVARSKAYA, B.M.; GOLUBENKOVA, L.I.; AKUTIN, M.S.; LEVANTOVSKAYA, I.I.

Preparation of some block polymers and investigation of their properties. Vysokom.soed. 1 no.7:1042-1047 Jl '59. (MIRA 12:11)

1. Nauchno-issledovatel'skiy institut plasticheskikh mass.
(Polymers)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

NEYMAN, M.B.; GOLUBENKOVA, L.I.; KOVARSKAYA, B.M.; STRIZHKOVA, A.S.; LEVANTOVSKAYA, I.I.; AKUTIN, M.S.; MOISEYEV, V.D.

Thermal degradation of condensation resins. Part 1: Thermal degradation of epoxide resins. Vysokom.soed. 1 no.10: 1531-1537 O '59. (MIRA 13:3)

1. Nauchno-issledovatel'skiy institut plastmass, Moskva.
(Resins, Synthetic)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

ZEVANTOVSKAYA, I. I.

PHASE I BOOK EXPLOITATION SOV/4934

International symposium on macromolecular chemistry. Moscow, 1960.

Mezhdunarodnyy simpozium po makromolekulyarnoy khimii SSSR. Moskva, 14-18 iyunya 1960 g.: doklady i avtoreferaty. Sektsiya III. (International Symposium on Macromolecular Chemistry Held in Moscow, June 14-18, 1960: Papers and Summaries) Section III. [Moscow, Izd-vo AN SSSR, 1960] 469 p. 55,000 copies printed.

Tech. Ed.: P. S. Kabina.

Sponsoring Agency: The International Union of Pure and Applied Chemistry. Commission on Macromolecular Chemistry.

PURPOSE: This book is intended for chemists interested in polymerization reactions and the synthesis of high molecular compounds.

COVERAGE: This is Section III of a multivolume work containing papers on macromolecular chemistry. The articles in general deal with the kinetics of polymerization reactions, the synthesis of special-purpose polymers, e.g., ion exchange resins, semiconductor materials, etc., methods of catalyzing polymerization reactions, properties and chemical interactions of high molecular materials, and the effects of various factors on polymerization and the degradation of high molecular compounds. No personalities are mentioned. References given follow the articles.

Kuriyev, Y. K., A. L. Klebanskiy, and S. S. Medvedev (USSR). The Effect of Formic Acid and Formates on the Oxidation of Hydrocarbons and Hydrocarbon Polymers 364

Kovarova, Z. V., and P. M. Yanovskiy (USSR). Study of the Effect of Some Organic and Organoelemental Compounds on the Thermal Degradation of Polyvinyl Chloride 372

Vichterle, O., K. Sitsler, and P. Kofelin (Czechoslovakia). Degradation of Polyamide Capronlactam as a Result of Exchange Reaction Between Amide Bonds 380

Bukora, M., L. Lakiovi, and M. Ilichina (Czechoslovakia). Neutralization of Residual Catalyst in Polymethylsiloxane; Effect of Thermal Neutralization on the Thermal Stability of the Polymer 388

Osecki, J., O. Hlavaty, and I. Sitkei (Czechoslovakia). Thermooxidative Degradation of Polyesters. Study of Degradation Reactions for Different Types of Linear Polyesters 405

Korshak, V. V., P. P. Kurakevich, L. I. Golubenkova, A. S. Yefimova, and M. M. Teplyakova (USSR). On the Degradation and Stabilization of Some Polyaramid Materials 414

Ambrt, I. O., and A. S. Kuzminskiy (USSR). Investigation of the Efficiency of Inhibitors of Rubber Oxidation at Various Temperatures 421

Chanchikov, I. N., and Ting den-k'ang (USSR). Mechanism of the Protective Action of Benzene Rings During the Radiolysis of Polystyrene 433

Dzhanpaisov, A. A., and K. A. Andrianov (USSR). On the Hydrolytic Stability of Side Groups in Polymers with Inorganic Chains of Molecules 440

Berlin, A. A., Ye. A. Penskiy, and G. I. Volkova (USSR). Mechanochemical Transformations and Block Copolymerization During the Freezing of Starch Solutions 331

Yesnovskiy, Yu. N., B. I. Arbuzkhanova, and N. Ashirov (USSR). Modification of the Properties of Cellulose by Grafting

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B004/B056

AUTHORS: Neyman, M. B., Kovarskaya, B. M., Levantovskaya, I. I., Strizhkova, A. S., Akutin, M. S.

TITLE: Investigation of the Thermal Destruction of Condensate Resins. The Thermal Destruction of Hardened Epoxy Resins

PERIODICAL: Plasticheskiye massy, 1960, No. 7, pp. 17 - 20

TEXT: Following an earlier paper (Ref. 1) on the thermal destruction of ЭД-6 (ED-6) epoxy resin, the authors give a report on their investigation of the thermal destruction of ЭД-15 (ED-15) epoxy resin obtained by condensation of epichlorohydrin with diphenylpropane, as well as of ED-15 and ED-6 hardened with 7% polyethylene polyamine or with 30% maleic anhydride. They give the following experimental data: Kinetics of gas formation in the thermal destruction of ED-15 (Table 1, Fig. 1) on the basis of the chromatographical analysis by means of УХТ-2 (UKhT-2) or the Griffin apparatus (Fig. 2, chromatogram); kinetics of gas formation in ED-15 (Fig. 3) hardened with polyethylene polyamine and ED-15 hardened with maleic anhydride (Fig. 4); degree of decay of the hardened ED-6 as a

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function of time at 345°C (Fig. 5) and as a function of temperature (Fig.6), as well as an electron paramagnetic spectrum (Fig. 7) that proves the formation of free radicals. From these data the following conclusions were drawn: Unhardened and hardened epoxy resins (low-molecular ED-6 and high-molecular ED-15) decompose in the absence of oxygen above 200° - 250°C. Liquid and gaseous products are formed, which in unhardened resin consist of distilled-off low-molecular fractions contained already in the initial resin, and in hardened resin of destruction products. The destruction products contain CO, CO_2, CH_4, C_2H_4, C_3H_8, and other hydrocarbons, as well as saturated and unsaturated aldehydes. The mechanism of the destruction of hardened resins is analogous to that of unhardened ED-6. In both cases, a radical process occurs, which begins with the separation and decay of epoxy groups. Resins hardened with maleic aldehyde form CO and CO_2 in larger quantities as a result of the decay of the maleic aldehyde. Resin hardened with polyethylene polyamine is more easily decomposed than such hardened with maleic aldehyde and forms more low-molecular products. There are 7 figures, 2 tables, and 6 references: 1 Soviet, 2 US, 2 German, and 1 Swiss.

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B016/B052

15.8110

AUTHORS: Neyman, M. B., Kovarskaya, B. M., Strizhkova, A. S., Levantovskaya, I. I., and Akutin, M. S.

TITLE: The Mechanism of Thermal Destruction of Solidified Epoxy Resins

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 135, No. 5, pp. 1147-1149

TEXT: The authors studied the kinetics of thermal destruction of epoxy resins solidified by maleic anhydride (see scheme) or polyethylene polyamine. They determined the forming radicals by the method of electron paramagnetic resonance. Fig. 1 schematically shows the results obtained from thermal processes: (1) gas separation; (2) weight losses of the residue; and (3) rate of radical accumulation. Considerable amounts of methane, carbon monoxide, formaldehyde, acetaldehyde, and acrolein were found in the gaseous products of destruction. According to the temperature, gas separation stops after 5 - 15 minutes. Thermal destruction, however, continues while liquid products of a comparatively low molecular weight

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The Mechanism of Thermal Destruction of Solidified Epoxy Resins

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are distilled from the polymer. The authors suggest the following scheme for the formation of the above products: They assume that the terminal $CH_2-CH-CH_2O$ groups are separated most easily from the polymer. This radical can be isomerized into a $CH_2-CH(OH)-C(=O)-H$ radical which forms acrolein and hydroxyl. The original radical may also decompose into a CH_2O molecule and a CH_2-CH radical. By isomerization of the latter, the acetyl radical CH_3-CO may be formed which extracts hydrogen from the epoxy resin and forms acetaldehyde. Finally, the acetyl radical may decompose into CO and CH_3. By absorbing hydrogen, CH_3 is converted into methane. In all cases, the reaction takes place under the formation of active radicals which cannot accumulate in high concentrations and, therefore, cannot be detected by the e.p.r. method. This is only possible in later stages of the process. The authors assume that the bonds of diphenyloil propane which cause the formation of stable radicals, may also be ruptured. The rupture of

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The Mechanism of Thermal Destruction of Solidified Epoxy Resins

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phenyl-hydrogen bonds probably leads to the formation of stable radicals and semiquinone structures. The singlet signals recorded by the authors indicate the presence of long-lived radicals. From these results the authors determined the activation energies of the three above-mentioned processes. For the resin solidified by maleic anhydride, they are 30, 26, and 53 kcal/mole, respectively, and for the resin solidified by polyethylene polyamine, they are 25, 35, and 44 kcal/mole. The authors also assume that processes (1) and (2) are related to the rupture of looser bonds, while process (3) is closely connected with the rupture of tight bonds. From their experiments the authors conclude that active radicals can not easily be detected by the available e.p.r. method, while this is possible in the case of weakly active radicals. They thank Z. P. Yegorova and O. L. Lependina for their assistance in taking spectra, and E. G. Gintsberg for the polarographic determination of aldehydes. L. A. Blyumenfel'd, A. V. Topchiyev, and V. V. Voyevodskiy are mentioned. There are 4 figures and 8 references: 7 Soviet and 1 British.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy institut plasticheskikh mass (State Scientific Research Institute of Plastics)

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The Mechanism of Thermal Destruction of Solidified Epoxy Resins

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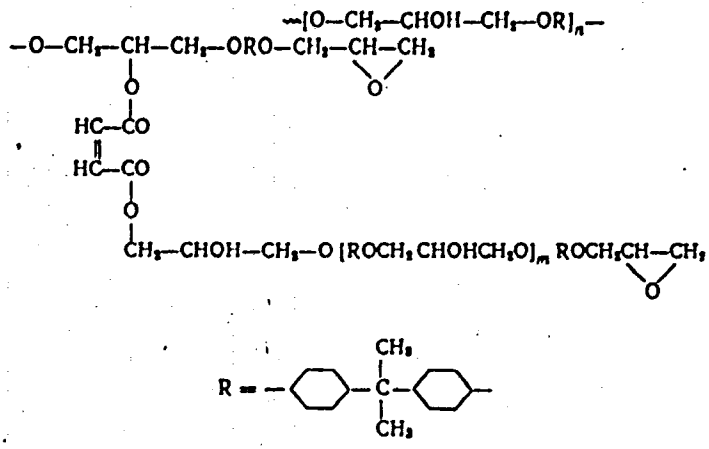
PRESENTED: June 29, 1960, by V. A. Kargin, Academician

SUBMITTED: June 27, 1960



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B124/B101

15.9110

AUTHORS: Zaverskaya, Z. M., Strizhkova, A. S., Levantovskaya, I. I., Shchadneh, A. N., Noyman, L. B., Korshak, V. V., Vinogradova, S. V., Valetskiy, P. M.

TITLE: Study of the thermal degradation of condensation resins. III. Thermal degradation of heterochain polyesters (polyarylates)

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 3, 1962, 433-[illegible]

TEXT: Thermal degradation of polyarylates on the basis of 4,4'-dihydroxydiphenyl-2,2'-propane (DDP) and terephthalic (polyarylate TD) or isophthalic (polyarylate ID) acids prepared either in a high-boiling solvent (nitrobenzene ether) (TD(s) and ID(s), respectively) or by interfacial condensation (TD(i) and ID(i), respectively) is studied in this paper. The glass points of the polyarylates were: TD(s) ~340°C; TD(i) ~350°C; ID(s) ~[illegible]°C; ID(i) ~270°C). Thermal degradation of the mentioned polymers was investigated between 250 and 525°C. Evolution of gas sets in above 400°C, where 0.36-0.42 mole CO, 0.30-0.60 mole CO_2, and 0.06-0.13 CH_4 per mole of the polyarylate structural unit are liberated. The liquid products of thermal

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Study of the thermal ...

degradation of TD(s) performed at 450°C show absorption bands at 1365, 1385, and 2970 cm^{-1} characteristic of the methyl group, and at 1735 and 1250 cm^{-1} characteristic of the ester bond. The split absorption band at 1735 cm^{-1} indicates the presence of terephthalic acid, whereas the split band at 1600 cm^{-1} shows free DDP to be present. The infrared spectrum of the solid residue of TD(s) after thermal degradation at 450°C for 1 hour does not contain bands which are characteristic of methyl groups, whereas bands characteristic of the ester bond are established in the infrared spectrum of the solid residue exposed to thermal degradation at 500°C for 1 hour. These bands are lacking in the spectrum of the product exposed to thermal degradation at 600°C for 20 minutes. Absorption spectra of the solid residue of TD(s) and DDP in the region of 700 - 900 and 1600 cm^{-1} show that the concentration of phenyl rings increases after degradation leading to the formation of polyphenylene-like structures. These conclusions were confirmed by the EMR spectra of the residues of thermal degradation of TD(s) at 450, 500, and 600°C. A. A. Berlin and L. A. Blyumenfel'd Vysokomolek. soyed., 2, 1494, 1960; Zhurnal strukturnoy khimii 1, 103,

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IE 9220

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B101/B186

AUTHORS: Meyman, M. B., Kovarskaya, B. M., Levantovskaya, I. I., Dralyuk, G. V., Tsvetkova, M. P., Sidorov, V. A., Kochetkov, V. N. Trossman, G. A., Tatevos'yan, G. O., Kuznetsova, I. B.

TITLE: Stabilization of polyamide films for agriculture

PERIODICAL: Plasticheskiye massy, no. 10, 1962, 6 - 8

TEXT: Protection of polyamide films, type 54, as used in hothouses and silos, from effects of photo- and thermooxidation was tested by trying various additives under various test conditions. The following were added as ultraviolet light absorbers: 2-hydroxy-4-methoxy-benzophenone (OMBP) (OMBF) (I), 2-hydroxy-4-alkoxy-benzophenone (a mixture of benzophenones with various alkoxy groups of the type OC_7H_{15}, OC_8H_{17}, or OC_9H_{19}) (II), and 2-hydroxy-5'-methyl-benzotriazole (Tinuvin) (III). As antioxidants, KI and copper naphthenate and organic stabilizers of the following type were used: 1) derivatives of aromatic amines; 2) phenol derivatives; 3) aromatic oxamines; 4) 2,6-ditert-butyl-4-methyl-phenyl-pyrocatechin phosphite (Ionol).

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Stabilization of ...

Polyamide film blends produced by condensation, namely hexamethylene adipinate and ε-caprolactam at 260°C in an N-atmosphere, were subjected to thermo- and photooxidative action. Light sources were carbon-arc and mercury-quartz lamps, type DRK-2 (DRK-2). Temperature in the test chamber was 70 ± °C. Thermooxidation measured by the drop in oxygen pressure was eliminated most efficiently by the pyrocatechin esters and phenyl-β-naphthyl-amine. It was found that stabilizers of the OMBF and Tuvin types act as antioxidants. Photooxidation experiments showed the following results: in most cases the elongation at rupture dropped even on initial exposure. After 20 hrs of exposure time, breaking tenacity of both stabilized and nonstabilized films fell by approximately 20 - 25%. Ageing time until embrittlement was determined. Without an inhibitor it began after 190 hrs of exposure to the light of an arc lamp. Optimum results were obtained with pyrocatechin esters (250 hrs), KI + copper naphthenate (260 hrs) and (Santovar) O ((2,6-di-tert-butyl-hydroquinone)) (240 hrs). Different action of the light from the arc lamps and the mercury lamps was explained by spectrum differences. Further field tests are recommended. There are 5 figures and 1 table.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

KOVARSKAYA, B.M.; STRIZHKOVA, A.S.; LEVANTOVSKAYA, I.I.; SHABADASH, A.N.; NEYMAN, M.B.; KORSHAK, V.V.; VINOGRADOVA, S.V.; VALETSKIY, P.M.

Thermal decomposition of condensation resins. Part 3: Thermal decomposition of heterochain polyesters (polyarylates). Vysokom. soed. 4 no.3:433-439 Mr '62. (MIRA 15:3)

1. Nauchno-issledovatel'skiy institut plastitecheskikh mass.
(Esters) (Resins, Synthetic—Thermal properties)

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15.8080

AUTHORS: Levantovskaya, I. I., Yazvikova, M. P., Dobrokhotova, M. K., Kovarskaya, B. M., Vlasova, K. N.

TITLE: Thermooxidative degradation and stabilization of some polyamides

PERIODICAL: Plasticheskiye massy, no. 3, 1963, 19 - 23

TEXT: This is a study of the kinetics of oxidation of polycaproamide (I), polyamide 68 (II) (a polycondensate of the SH salt), and copolymer 548 (III) (polycondensate of hexamethylene diamine adipinate, hexamethylene diamine sebacinate, and ε-caprolactam). The decrease in oxygen pressure was determined at initial p_{O_2} = 200 mm Hg and 130 - 200°C or at 200°C and changing p_{O_2}. The kinetic curves of oxidation were s-shaped especially at low temperatures or low p_{O_2}. The induction period was 10-20 min. A slower drop in pressure at a longer oxidation time is explained by liberation of

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gaseous oxidation products proved chromatographically in (I). At 130° and p_{O_2} = 200 mm Hg, O_2 was noticeably adsorbed by I and II, the stability of I being larger than that of II. III was oxidized more easily than I and II. The effect of the following stabilizers was tested: 0.2% KI; 0.2% copper naphthenate; 0.1% KI + 0.1% copper naphthenate; 0.5% diphenyl amine; N-isopropyl-N'-phenyl-p-phenylene diamine; N,N'-di-sec-octyl-p-phenylene diamine; N,N'-di-sec-nonyl-p-phenylene diamine; N,N'-di-β'-naphthyl-p-phenylene diamine; phenyl-β-nyphthyl amine (Neozone D); N-phenyl-n'-cyclohexyl-p-phenylene diamine; α- and β-naphthol; 2,6-di-tert-butyl-4-methyl phenol (ionol); 2,2-methylene-bis-(4-methyl-6-tert-butyl)-phenol (2246) propyl gallate; phenol styrene condensation product; mercaptobenzimidazole; trinonyl triphenylene phosphite; and polyphosphites as well as the photostabilizers 2-hydroxy-4-methoxy-benzophenone and 2,2'-hydroxy-5'-methylphenyl benzo triazole. Results: Aromatic amines were more effective than phenols and naphthols. N,N'-di-β-naphthyl-p-phenylene diamine was most active for I and II; Neozone D, however, for II. The mixture containing 0.1% KI and 0.1% copper naphthenate had a strong protective effect in I and II. There are 9 figures.

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NEYMAN, M.B.; KOVARSKAYA, B.M.; LEVANTOVSKAYA, I.I.; DRALYUK, G.V.; YAZVIKOVA, M.P.; SIDOROV, V.A.; KOCHETKOV, V.N.; TROSSMAN, G.M.; TATEVOS'YAN, G.O.; KUZNETSOVA, I.B.

Stabilization of polyamide films for agriculture. Plast.massy no.10:6-8 '62. (MIRA 15:11)
(Polyamides) (Plastic films)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929420018-6

LEVANTOVSKAYA, I.I.; YAZVIKOVA, M.P.; DOBROKHOTOVA, M.K.; KOVARSKAYA, B.M.; VLASOVA, K.N.

Thermal oxidative degradation and stabilization of some polyamides. Plast. massy no.3:19-23 '63. (MIRA 16:4)

(Polyamides) (Oxidation)

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